

# SEQUENCE LISTING

<110> PARDRIDGE, WILLIAM  
BOADO, RUBEN

<120> ANTISENSE IMAGING OF GENE EXPRESSION OF THE BRAIN IN VIVO

<130> 407T-994110US

<140> unassigned

<141> 2001-12-03

<150> US 60/250,990

<151> 2000-12-04

<160> 5

<170> PatentIn version 3.0

<210> 1

<211> 8

<212> PRT

<213> Artificial

<220>

<223> epitope for epitope tag

<400> 1

Asp Tyr Lys Asp Asp Asp Lys  
1 5

<210> 2

<211> 16

<212> DNA

<213> Artificial

<220>

<223> HD-PNA

<220>

<221> MOD\_RES

<222> (1)..(1)

<223> nucleotide modified with 5 linkers and a biotin

<220>

<221> MOD\_RES

<222> (16)..(16)

<223> nucleotide modified with 5 linkers and -Y-K

<400> 2

cttccatttt accaac

16

<210> 3

<211> 16

<212> DNA

<213> artificial

<220>  
<223> complement of HD target mRNA

<400> 3  
gttggtaaaa tggaag

16

<210> 4  
<211> 18  
<212> DNA  
<213> Artificial

<220>  
<223> peptide nucleic acid (PNA)

<400> 4  
ctccgcttct tcttgcca

18

<210> 5  
<211> 16  
<212> DNA  
<213> Artificial

<220>  
<223> anti-luciferase PNA

<400> 5  
cttccatttt accaac

16